

## Anti-Alpha-Tubulin [F2C] Standard Size Ab00403-1.4

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This full-length, chimeric mouse antibody was made using the variable domain sequences of the original Human scFv format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Mouse IgG1, [Fc Silent™](#), Lambda

**Clone Number:** F2C

**Alternative Name(s) of Target:** TUBA

**UniProt Accession Number of Target Protein:** Q71U36

**Published Application(s):** WB, ELISA

**Published Species Reactivity:** Human

**Immunogen:** Human MBP (microtubule-binding protein).

**Specificity:** Binds specifically to human alpha-tubulin (no crossreactivity with beta-tubulin).

**Application Notes:** This antibody binds alpha-tubulin. Tubulin is the major constituent of microtubules. The alpha-chain has a non-exchangeable GTP-binding site.

**Antibody First Published in:** Nizak et al. Recombinant antibodies against subcellular fractions used to track endogenous Golgi protein dynamics in vivo. Trafficking 2003; 4(11):739-753 [PMID:14617357](#)

**Note on publication:** Describes the generation of several scFvs against a variety of intracellular components with the aim of identifying an anti-Giantin antibody.

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.